

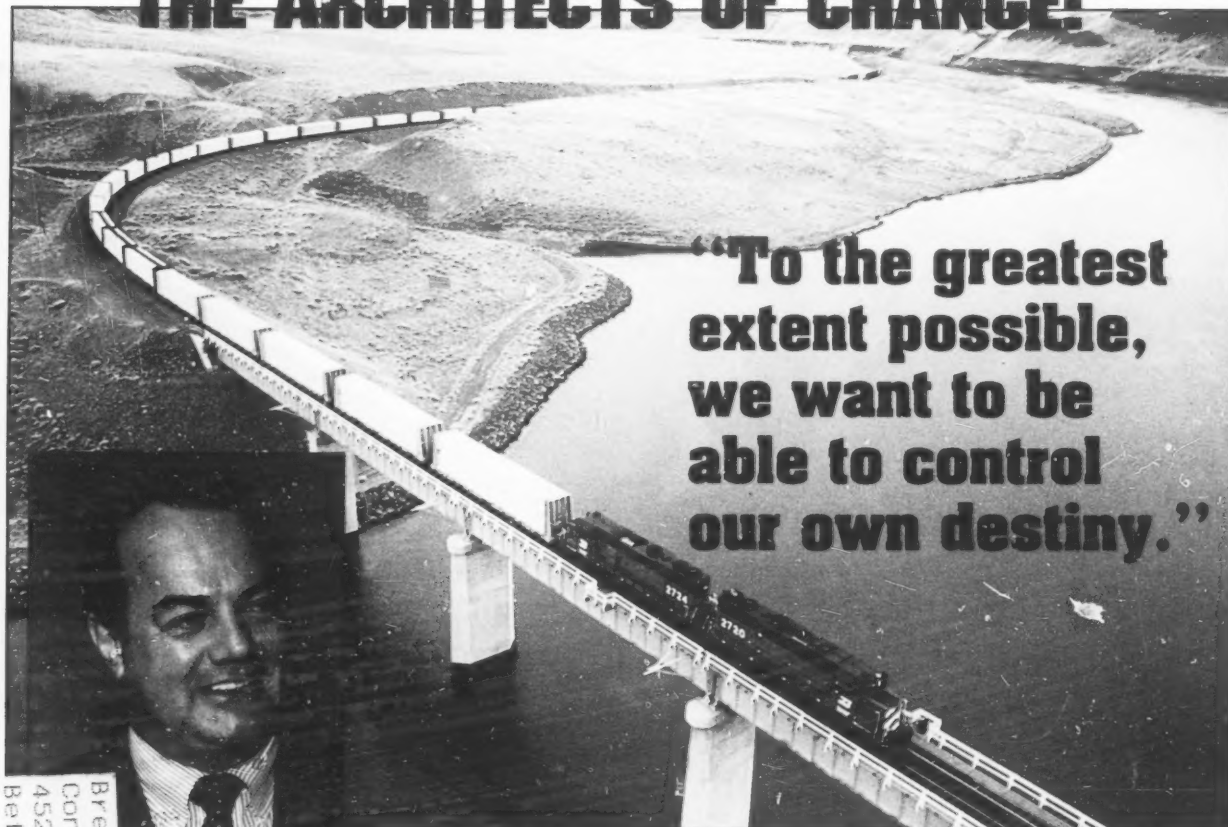
Railway Age

October 1987

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...for the new age of railways and rail transit

THE ARCHITECTS OF CHANGE:



"To the greatest extent possible, we want to be able to control our own destiny."

Burlington Northern's Darius W. Gaskins, Jr.

**Rio Grande:
Testbed for C&S innovation**

**Crossing protection:
Time for a new look?**

**Signaling light rail: How
Pittsburgh met the challenge**

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Features

39 Architects of change: Darius W. Gaskins, Jr.

"To the greatest extent possible, we want to be able to control our own destiny," says BN's president and CEO. That means, among other things, greater freedom for management to manage.



Page 39

47 For Alaska, a "new" railroad

Despite economic hard times in the 49th state, ARRC is on a profitable course, thanks to a massive rehabilitation program and a new, common-sense labor agreement.



Page 47

51 Rio Grande: Testbed for C&S innovation

A vital radio-based signal and control system is getting its first test on the railroad that was a pioneer in computer-assisted dispatching and crew management.

55 TTC tests hotbox detectors

It's back to the test track for already-proven detectors to see how they will work with "new and untried" equipment designs—for example, single-axle intermodal cars.

59 Crossing protection: Time for a new look?

Without minimizing the role active warning devices have played in reducing crossing accidents, safety officials want more emphasis on education and enforcement.

63 Paper filters win turbo test

After a year of testing, a midwestern railroad has found that paper barrier media filters protect turbochargers better than do fiberglass bag filters.

67 Pittsburgh light rail: A signaling challenge

Here's how a Parsons Brinckerhoff/Gibbs & Hill joint venture team custom-designed a system to fit a complex route and meet unusual traffic requirements.

Comment

- 8 Inside
- 19 Watching Washington
- 20 Lines on labor
- 86 Perspective

Departments

- 12 Meetings
- 14 Industry Outlook
- 16 Market Outlook
- 57 Letters
- 74 People in the News
- 76 Products Report
- 85 100 Years Ago

Update

- 23 BN tests multipurpose Beth-Combo car
- 23 NYK introduces new double-stack
- 23 Kentuckian buys 62 miles of CSX
- 23 TSD operation cuts BN's lab costs
- 23 L&D: Claims down, payout ratio up
- 24 SPT divestiture options outlined
- 24 Now it's TCU, not BRASCFHESE
- 25 SPT, UP agree on trackage rights
- 25 More NS workers get buyout offer
- 25 ICC delays sale of Lake States
- 25 PLM forms new Canadian subsidiary
- 27 For smart shippers, BN offers ShipSmart
- 27 BN adds new hub, new Expeditors
- 31 Conference set on locals, regionals
- 31 Mark V RoadRailers will go to UP
- 31 Lone Star gets head start at Denver
- 34 IITRI introduces improved simulator
- 34 Intermodal company formed by Strick
- 34 Safety Council honors 12 railroads
- 37 Club Service a hit with Amtrak riders
- 37 "Glengyle," 76, wins landmark status
- 37 High-speed concept gains in California
- 37 Bombardier buys Budd car designs
- 37 VIA Rail opens new Montreal shop
- 37 St. Louis LRT: The home stretch
- 37 Shanghai picks U.S. consultant
- 80 Activity picks up at Bethlehem's FCD
- 80 NS streamlines operating structure
- 81 Canadian dispute goes to arbitrator
- 81 Rock stabilization pays off for CN
- 81 Truck-Rail-Truck service expanded

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Market Outlook

Equipment

Conrail: Completed a \$1.9-million program to modify 100 60-foot boxcars for the transportation of motor vehicle parts. The work, which involved raising the roofs of the cars by 21 inches, was performed at Conrail's Hollidaysburg, Pa., shop. The cars will be assigned to General Motors service.

Montreal Urban Community Transit Commission: Awarded a \$1-million (Canadian) contract to Michelin Tires to supply 2,570 tires to the Montreal Metro next year. Michelin has supplied tires to the Metro since it opened in 1966.

Norfolk Southern: Ordered 500 3,000-cubic-foot-capacity covered hopper cars for cement service from the Freight Car Division of Bethlehem Steel. Deliveries will begin this year and continue into early 1988. The order is the largest received by the Bethlehem division since it was formed in August 1983.

PLM Railcar Maintenance: Has contracted to service 500 covered hopper cars for a major railroad at its Rock Springs, Wyo., repair facility. PLM Chairman and CEO Mark C. Hungerford foresees "an increase in orders to service the railroads as RMC expands its maintenance and retrofitting business."

Facilities

CSX Transportation: Has officially dedicated its consolidated signal shops at Savannah, Ga. The facility consists of a new 10,000-square-foot building and a modernized existing structure. At the dedication ceremony Sept. 18, CSX Rail Transport President Ronald W. Drucker said the expanded facility "will efficiently support the needs of our entire 20-state system because it incorporates the most modern production equipment and work methods available."

Metra: The Chicago-area Metropolitan Rail commuter system awarded contracts for construction or rehabilitation of nine commuter rail stations at a total cost of \$11.3 million.

Southern Group: Has contracted with United States Railroad Services, Inc., of Parker, Col., to market tropical hardwood ties throughout the U.S. and Canada. Southern Group has negotiated an exclusive contract with African timber sources to make the ties available in North America (RA, Aug., p. 19).

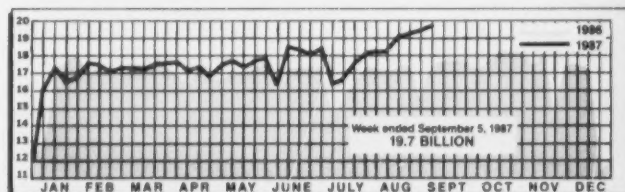
Union Pacific: Will build a new intermodal terminal at Memphis at a cost of \$4 million, with completion scheduled for early next year. The facility will be able to accommodate up to 71 intermodal cars on four tracks and will

Revenue freight carloadings

Commodity	Sept. 5 week	August 29 week	August 22 week	August 15 week	August 8 week
Grain	31,953	30,945	31,807	29,690	29,458
Other farm products	2,802	2,682	2,403	2,702	2,810
Metallic ores	19,194	18,128	18,548	16,423	13,146
Coal	124,864	125,023	127,155	122,806	112,801
Crushed stone, gravel and sand	17,061	17,229	16,914	18,360	17,602
Nonmetallic minerals	10,761	10,061	9,601	9,957	10,102
Grain mill products	11,005	10,394	10,736	10,790	10,430
Food and kindred products	10,847	11,247	11,134	11,064	10,834
Primary forest products	10,720	10,698	10,802	10,590	10,447
Lumber and wood products except furniture	8,484	8,822	8,416	7,990	7,948
Pulp, paper and allied products	12,893	12,628	12,013	12,292	12,438
Chemicals and allied products	27,776	25,762	25,980	26,775	25,657
Petroleum products	5,356	4,973	4,904	5,377	4,849
Stone, clay and glass products	11,643	11,213	11,410	11,079	11,120
Coke	4,748	5,694	5,005	5,152	4,909
Metals and products	10,212	9,728	9,398	9,367	8,889
Motor vehicles and equipment	18,021	16,908	15,552	15,372	14,381
Waste and scrap materials	9,358	9,088	8,881	8,857	8,561
Forwarder and shipper assn. traffic	3,356	3,239	3,105	2,994	3,052
All other carloads	82,670	81,211	79,498	79,658	77,110
LCL traffic	130	92	77	94	79
Total Cars Loaded	433,954	425,765	423,537	417,389	396,683
% change from previous year	28.5	8.6	9.5	8.5	5.3
Estimated revenue ton-miles (billions)	19.7	19.3	19.2	19.0	18.2
% change from previous year	30.4	10.7	10.0	9.3	8.7
Total:		1987	1986	% change	
36 weeks		628.4	599.9	4.7	

Rail freight traffic trends

Billion ton-miles (Estimated)



Source: Association of American Railroads

Piggyback loadings

	Sept. 5 week	August 29 week	August 22 week	August 15 week	August 8 week
Trailers/containers	105,390	103,790	100,266	99,177	100,161
Cumulative total, 36 weeks			3,505,685	% change from 1986	
Trailers/containers				3.7	

have paved parking area for 440 trailers/containers. UP will acquire a new side-loading/unloading unit for trailer/container transfer.

Washington Metropolitan Area Transit Authority:

Awarded a \$12.2-million contract, with options for an additional \$4.7 million, to Cubic Western Data for new computerized fare collection equipment to be installed on line extensions. The base contract calls for 253 pieces of equipment.